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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G01N 33/543, 33/532, 33/58		A3	(11) International Publication Number: WO 98/35232
			(43) International Publication Date: 13 August 1998 (13.08.98)
(21) International Application Number: PCT/US98/02440		27516 (US). THORP, H. Holden [US/US]; 215 Marilyn Lane, Chapel Hill, NC 27514 (US).	
(22) International Filing Date: 6 February 1998 (06.02.98)		(74) Agent: NOONAN, Kevin, E.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).	
(30) Priority Data: 60/036,919 6 February 1997 (06.02.97) US 60/059,049 16 September 1997 (16.09.97) US		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).	
(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Applications US 60/036,919 (CIP) Filed on 6 February 1997 (06.02.97) US 60/059,049 (CIP) Filed on 16 September 1997 (16.09.97)		Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
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(54) Title: ELECTROCHEMICAL DETECTION OF SPECIFIC BINDING			
(57) Abstract <p>This invention relates to methods and apparatus for performing electrochemical analyses. The invention provides an electrochemical apparatus for performing potentiometric analyses for detecting specific binding between a first member of a biological binding pair immobilized on an electrode and a second member of a biological binding pair that is electrochemically labeled, in the presence of an electrochemical mediator. Methods for using the apparatus of the invention for performing binding and competition binding assays are provided. The invention also provides methods for performing high throughput screening assays for detecting inhibition of specific binding between the members of the biological binding pair for use in drug development, biochemical analysis and protein purification assays.</p>			

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 98/02440

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 G01N33/543 G01N33/532 G01N33/58

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96 41175 A (IGEN INCORPORATED) 19 December 1996 see the whole document ----	1-60
A	D.H. JOHNSTON ET AL.: "Trans-dioxorhenium(V)-mediated electrocatalytic oxidation of DNA at indium tin-oxide electrodes: voltammetric detection of DNA cleavage in solution." INORGANIC CHEMISTRY, vol. 33, no. 26, 1994, pages 6388-6390, XP000196454 washington dc usa cited in the application see the whole document -----	14

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

12 January 1999

Date of mailing of the international search report

19/01/1999

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 98/02440

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9641175 A	19-12-1996	AU 6384496 A	30-12-1996
		CA 2223027 A	19-12-1996
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